

Converting Colors

XYZ(58.6710, 48.5084, 57.2225)

Have a look what the booklet for
XYZ(58.6710, 48.5084, 57.2225)
contains.

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Color

**XYZ(58.7700, 48.6147,
57.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A3C2
RGB	240, 163, 194
RGB Percent	94%, 64%, 76%
CMY	0.0588, 0.3608, 0.2392
CMYK	0.00, 0.32, 0.19, 0.06
HSL	336°, 72%, 79%
HSV	336°, 32%, 94%
XYZ	58.7700, 48.6147, 57.3250
YIQ	189.5570, 35.9410, 25.9650

Conversions

Conversions Part 2

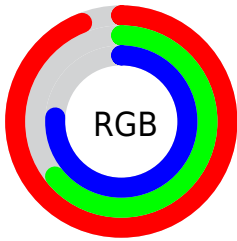
Format	Color
R_{YB}	240, 163, 194
Decimal	15770562
CIE Lab	75.21, 32.82, -4.23
CIE LCh	75, 33.088, 352.648
Yxy	48.6147, 0.3568, 0.2952
Android (android.graphics.Color)	4293960642 (0xFFFF0A3C2)
YUV	189.5570, 2.1904, 44.2385
Hunter-Lab	69.7242, 28.4388, 0.0607

Details

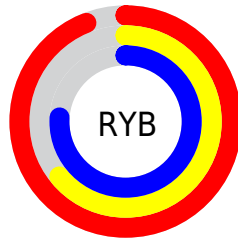
The XYZ color **58.7700, 48.6147, 57.3250** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.7751, 74.7115, 71.7009**, and the grayscale version is **48.6635, 51.1978, 55.7544**.

A 20% lighter version of the original color is **83.8268, 78.8252, 101.2391**, and **29.8380, 23.1126, 27.6995** is the 20% darker color. If you saturate the color by 10%, you get **53.3728, 40.2739, 47.9606**, and if you desaturate by 10%, it is **65.1340, 58.6394, 67.7794**.

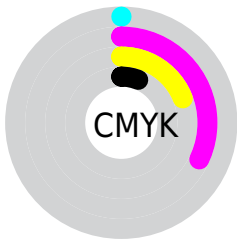
Distribution



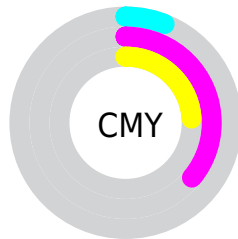
- Red (94%)
- Green (64%)
- Blue (76%)



- Red (94%)
- Yellow (64%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (6%)




- Cyan (6%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7700, 48.6147, 57.3250 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 58.7700, 48.6147, 57.3250 by changing the saturation by 10% instead.


 58.7700, 48.6147,
57.3250


 58.7700, 48.6147,
57.3250


409.9568,
381.2235, 432.1938

 42.6737, 34.3139,
40.8551

 102.1598, 88.1189,
102.4443

 29.8226, 23.1349,
27.8871


 130.1841,
114.0912, 131.9308

 19.8513, 14.6931,
18.0022


162.9149,
144.7227, 166.5932

 12.3947, 8.6043,
10.7821

200.7178,
180.3979, 206.8502

 7.0872, 4.4840,
5.8082

243.9581,
221.5012, 253.1202

 3.5635, 1.9478,
2.6619

293.0011,

 1.4583, 0.5769,

268.4170, 305.8218

0.9242

348.2123,
321.5296, 365.3735

■ 0.2972, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7700, 48.6147,
57.3250

■ 58.7700, 48.6147,
57.3250

■ 53.3728, 40.2739,
47.9606

■ 65.1340, 58.6394,
67.7794

■ 48.8879, 33.5166,
39.6448

■ 72.5071, 70.4273,
79.3571

■ 45.2617, 28.2424,
32.3377

■ 80.9340, 84.0610,
92.0933

■ 42.4330, 24.3364,
25.9952

■ 89.1641, 97.0329,
105.5905

■ 40.3315, 21.6663,
20.5690

■ 89.7454, 97.2654,
108.6517

■ 38.8735, 20.0734,
16.0046

■ 38.0752, 19.3813,
12.9496

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.1150, 48.6147, 75.9024



58.7700, 48.6147, 57.3250



57.8316, 48.6147, 41.0816

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7700, 48.6147, 57.3250



41.8585, 48.6147, 27.6977



39.4839, 48.6147, 84.1828

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.7700, 48.6147, 57.3250



57.7751, 74.7115, 71.7009

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.2546, 48.6147, 66.8694



58.7700, 48.6147, 57.3250



37.5395, 48.6147, 35.1393

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.7700, 48.6147, 57.3250



47.7159, 48.6147, 26.2298



35.5752, 48.6147, 48.7715



44.7299, 48.6147, 93.4661

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.7700, 48.6147, 57.3250



55.3300, 48.6147, 33.3704



35.5752, 48.6147, 48.7715



38.1460, 48.6147, 78.9493

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.7714, 48.6170, 57.3260



85.0912, 83.8531, 93.9559



54.8163, 45.8860, 88.4064



17.9347, 17.4996, 19.6842



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.7714, 48.6170, 57.3260



63.5744, 49.7840, 59.1469



56.8134, 49.7032, 41.2524



16.0365, 15.8643, 17.7483



20.9045, 10.6342, 7.4136



1.7870, 0.9038, 0.8692

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.7714, 48.6170, 57.3260



63.5744, 49.7840, 59.1469



60.1384, 72.6878, 93.2991



16.0365, 15.8643, 17.7483



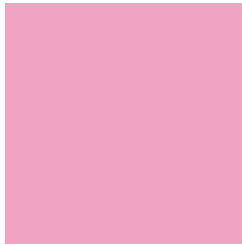
20.9045, 10.6342, 7.4136



1.7870, 0.9038, 0.8692

Previews

White Background



This preview shows how the XYZ color 58.7700, 48.6147, 57.3250 looks on a white background.

Color Contrast Check

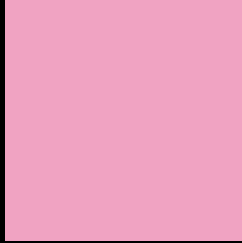
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 58.7700, 48.6147, 57.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7700, 48.6147, 57.3250

Background



This preview shows how black text looks on a background with the XYZ color 58.7700, 48.6147, 57.3250.



This preview shows how white text looks on a background with the XYZ color 58.7700, 48.6147,

57.3250.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.7700, 48.6147, 57.3250

Protanopia

47.9314, 48.8533, 65.9348

Deuteranopia

49.8126, 48.8216, 56.0883



Tritanopia

56.9320, 48.6639, 48.5119

Trichromacy



Original Color

58.7700, 48.6147, 57.3250



Protanomaly

51.0878, 48.1523, 62.4788



Deuteranomaly

52.6748, 48.5249, 56.4592



Tritanomaly

57.7035, 48.7217, 51.7103

Monochromacy



Original Color

58.7700, 48.6147, 57.3250



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.7377, 49.8140, 56.1784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7700, 48.6147, 57.3250 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(240, 163, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 163, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.7700, 48.6147, 57.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 163, 194) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(240, 163, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(240, 163, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(240, 163,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7700, 48.6147, 57.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 163, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
163, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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